

PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Attorney Docket No.: HESI.110405	Serial Number: 10/692,908
	Applicant: Jack Lees and Tatum Sheffield	
	Filing Date: October 24, 2003	Group:

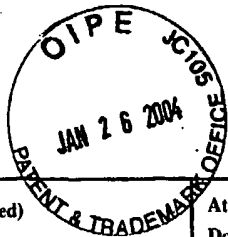
U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	INVENTOR	CLASS	SUBCLASS	FILING DATE
SA	4,467,461	08/21/84	Rice, et al.	367	70	01/05/81
↑	4,751,643	06/14/88	William E. Lorensen, et al.	364	414	
	4,984,157	01/08/91	Cline, et al.	367	413	09/21/88
	5,410,250	04/25/95	Brown, Hugh K.	324	309	09/28/93
	5,455,896	10/03/95	Takamura, Teiji	395	119	11/29/94
	5,563,949	10/08/96	Michael S. Bahorich, et al.	364	421	
	5,574,836	11/12/96	Raymond M. Broemmelsiek	395	127	
	5,586,082	12/17/96	Anderson, et al.	367	73	03/02/95
	5,659,691	08/19/97	James Durward, et al.	395	329	
	5,759,044	06/02/98	Scott Redmond	434	301	
	5,798,982	08/25/98	He, et al.	367	73	03/02/95
	5,852,447	12/22/98	Hosoya, et al.	345	468	05/17/96
	5,930,730	07/29/99	Kurt J. Marfurt, et al.	702	16	
	5,966,672	10/12/99	Knupp, Daniel F.	702	16	07/28/97
↓	6,083,162	07/04/00	David J. Vining	600	407	
SA	6,144,383	11/07/00	Lichtenbelt, et al.	345	419	05/30/97

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	WO 96/18915	06/20/96	PCT				

EXAMINER S. Ahmed	DATE CONSIDERED 9/21/04
EXAMINER: Initial citation if reference was considered. Draw line through citation if not in conformance to MPEP 609 and not considered. Include copy of this form with next communication to applicant.	



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EXAMINER INITIAL	OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place Of Publication)
SA	Compton, Mark, "A Dream Comes True," IRIS Universe #26, June 1997, 3 pages
↑	"Texaco Announces the Opening of New 3-D Visualization Center in Houston," Business Wire, November 11, 1997, 1 page
	Antosh, Nelson, "Oil Now Showing at a Theater Near You," Houston Chronicle, September 19, 1997, 2 pages
	Abstract, "3-D Seismic Visualization<," Emerging Technologies Group, Houston Geological Society, March 1998
	GeoQuest, IESX Integrated Multisurvey Interpretation Software Product Description 23-Feb-96 (printed 5/3/98) 17 pages
	VoxelGeo Product Description, Paradigm Geophysical, 1996 (printed 3/27/98), 6 pages
	"CogniSeis Turns Up the Volume with the Latest Release of VoxelGeo," Press Release, April 30, 1997 (printed 3/27/98), 2 pages
	Peloso, Andy, "Open Vision 4.0," UserNet, May/June 1997 (printed 3/27/98), 8 pages
	Hutchinson, Suzi, "FZAP! 1.0 Offers Automated Fault Picking," UserNet, May/June 1997 (printed 3/27/98), 5 pages
	Shamban, Adam, et al., "Earth Cube 1.2: New Functionality and Work Flows," UserNet, May/June 1997 (printed 3/27/98), 10 pages
	"GeoQuest at a Glance," printed 5/3/98, 3 pages
	"GeoQuest Enhances GeoViz and Voxels for OCTANE," 1997 (printed 5/3/98), 3 pages
	Kate Thomas, "Oil Biz Gushes Patents," The National Law Journal, February 6, 1998, pp. 1, 26
	G. Alan Petzet, "Interactive 3D Visualization Speeds Well, Reservoir Planning," Oil and Gas Journal, Nov. 24, 1997, pp. 82-83
↓	Robert L. Scheier, "Creating a Cash Gusher," Computerworld, April 21, 1997, pp. 76-78
SA	Michael J. Zeitlin, "Integration Strategy Takes Full Advantage of 3-D Seismic Capability," World Oil, May 1995, pp. 59-60

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